



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Wednesday May 27, 2015

Issued: 0800 CT

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



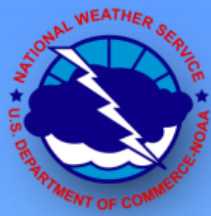
***Day 1 Hazards: Flash flooding SE TX this morning***

***Day 1 Hazards: Slight chance of severe showers and thunderstorms with flash flooding possible TX/OK/LA***

***Continuing Hazards: Major river flooding ongoing TX/OK***

Prepared by: Mark Wiley  
817-978-1100 x 147

# Key Points



## Wednesday

- Heavy rainfall this morning over southeast TX will lead to additional flash flooding in the Houston area
- Severe weather this morning over LA as a squall line pushes through the state
- Slight risk of severe tstms this afternoon/evening over TX/OK Panhandles, western OK, N/NW TX

## Thursday

- Ongoing flash flood threat across OK/TX in any thunderstorm activity
- Slight risk of severe thunderstorms TX/OK Panhandles; marginal threat across remainder of FEMA 6

## Friday-Sunday

- Flash flood threat will increase across TX/OK/AR






## River Flooding

- **Moderate to major river flooding will be ongoing across OK/TX/OK/LA**

# \*FEMA Region 6 Threat Matrix

## May 27, 2015 - May 31, 2015

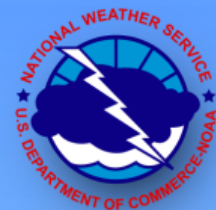
DAY/ THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	TX/OK Panhandles, N/NW TX W OK, LA	TX/OK Panhandles, West TX	OK/TX	OK/TX	OK/TX
Heavy Rain /Flash Flooding	SE TX (A.M.)	TX, OK	OK/TX	AR/TX/OK	AR/TX/OK
	TX/OK				
Fire					
River Flooding	TX, S OK	TX, S OK	TX, S OK	TX, S OK	TX, S OK
	AR/LA	AR/LA	AR/LA	AR/LA	AR/LA

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



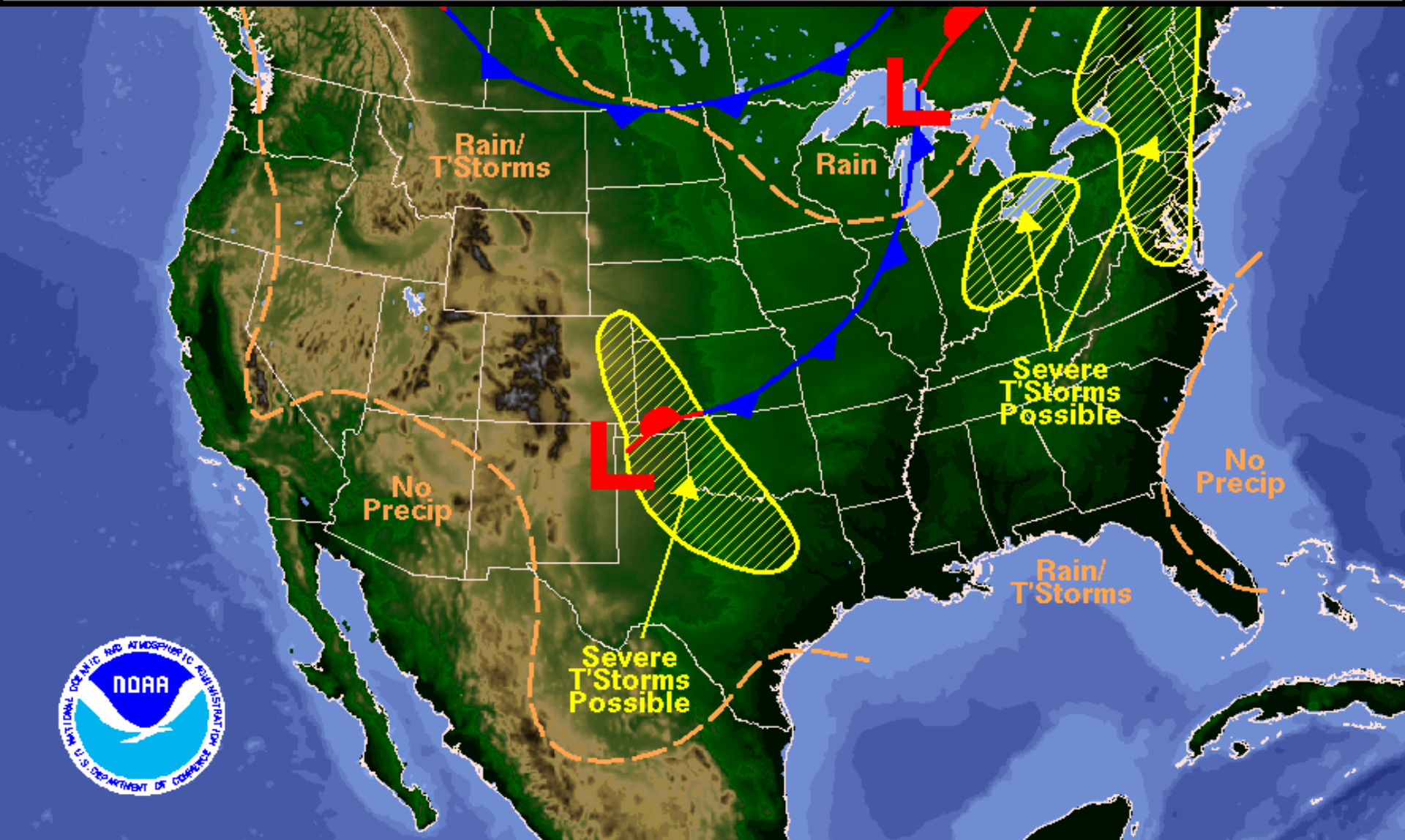
**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**



**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

# Today's Weather

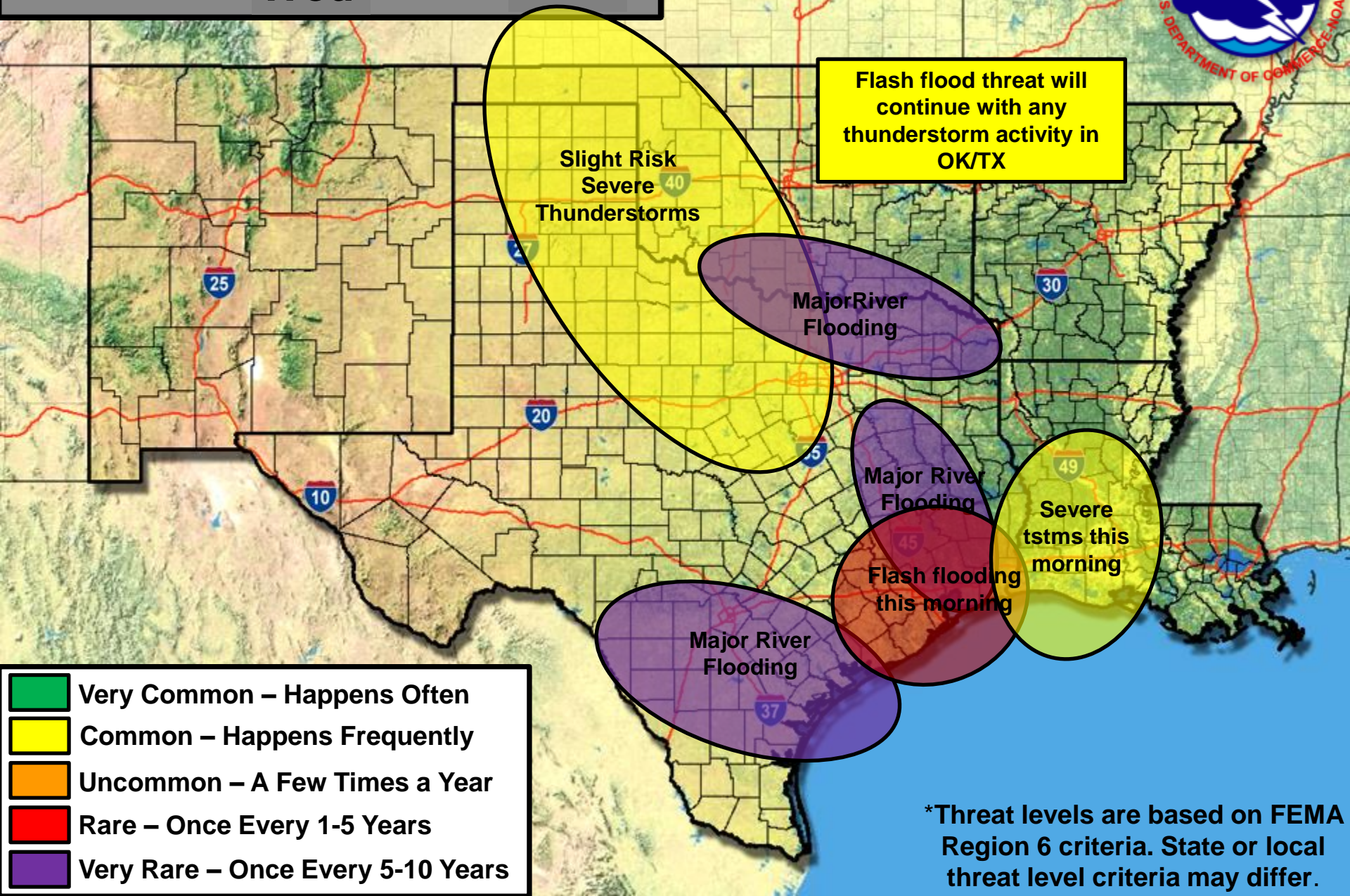


Weather Forecast for Wed, May 27, 2015, issued 3:56 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



# Day 1 Weather Hazards

Valid: 0800 Wed - 0800 Thu



Flash flood threat will  
continue with any  
thunderstorm activity in  
OK/TX

Slight Risk  
Severe  
Thunderstorms






Major River  
Flooding

Major River  
Flooding

Severe  
tsrms this  
morning

Flash flooding  
this morning

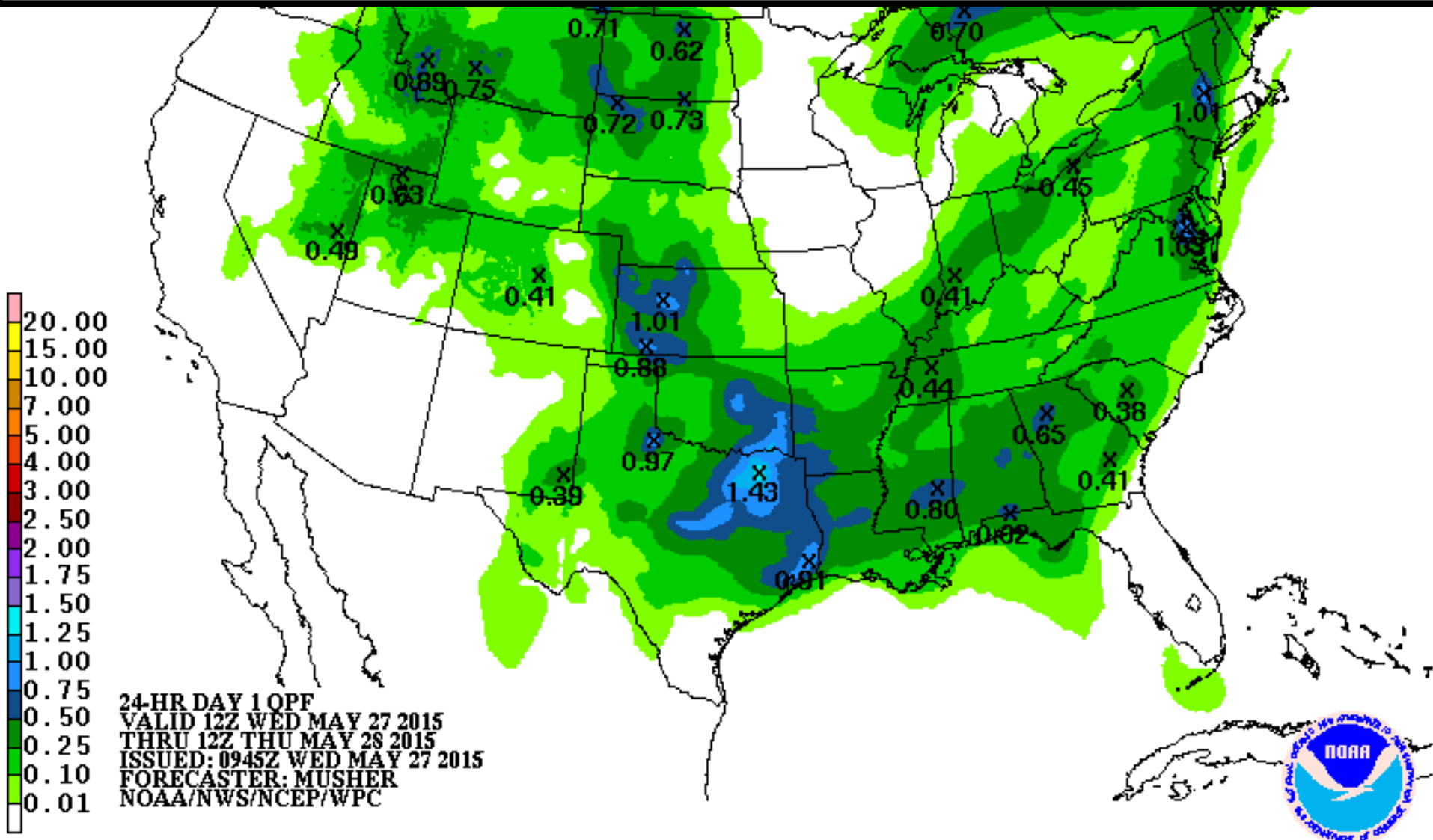
Major River  
Flooding

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\*Threat levels are based on FEMA  
Region 6 criteria. State or local  
threat level criteria may differ.

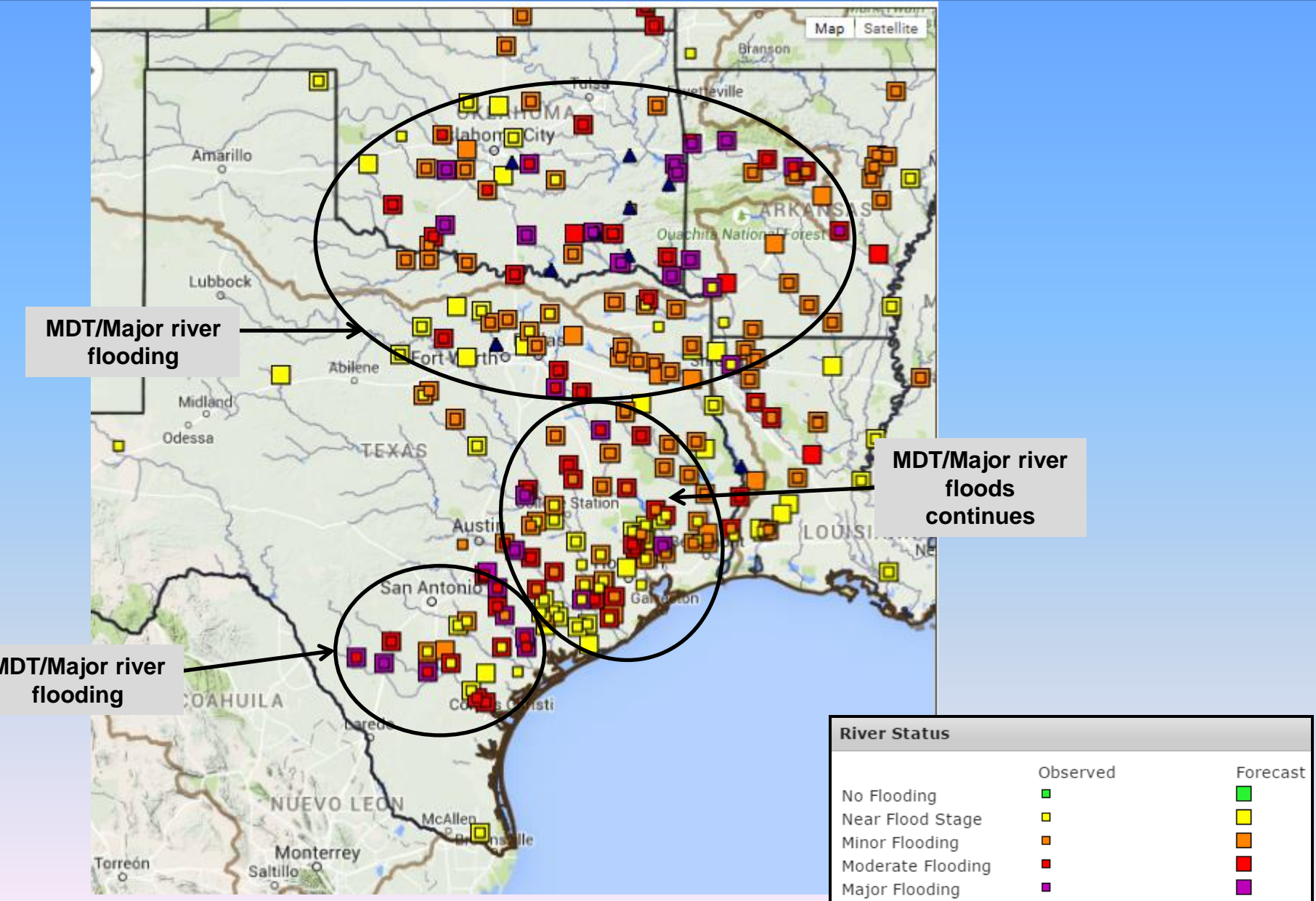
# Today's Precipitation

## Wed AM - Thu AM



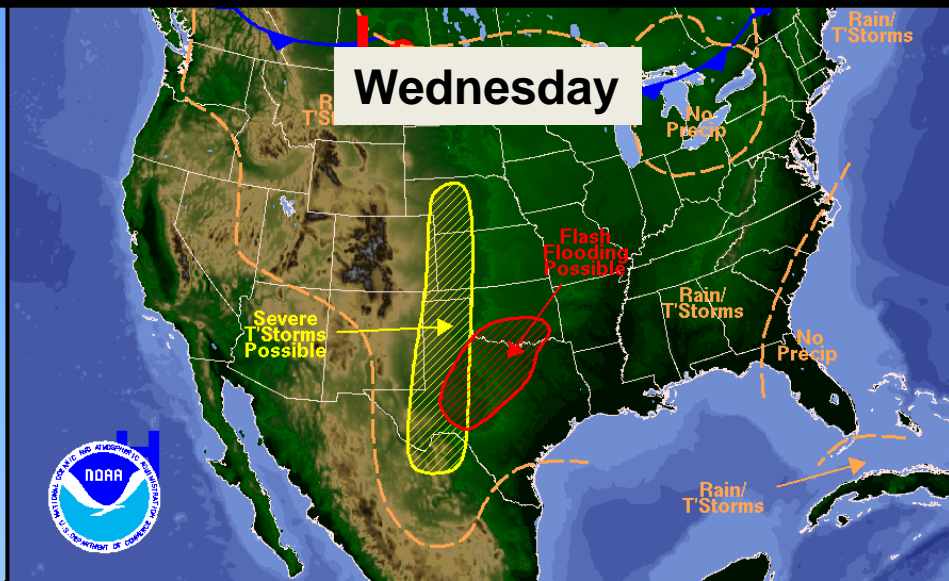


# Current River Status / Near Term Forecast

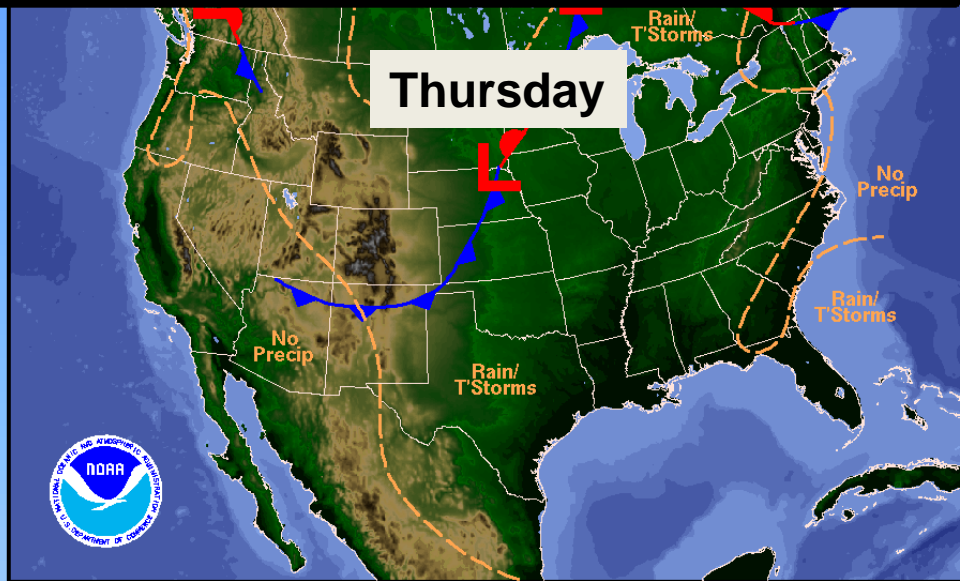




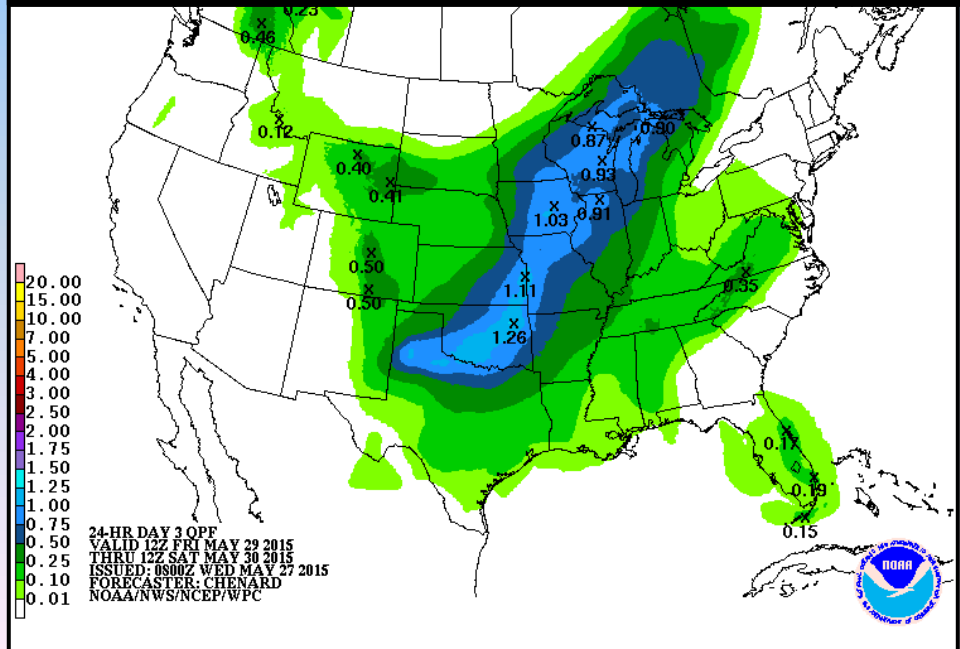
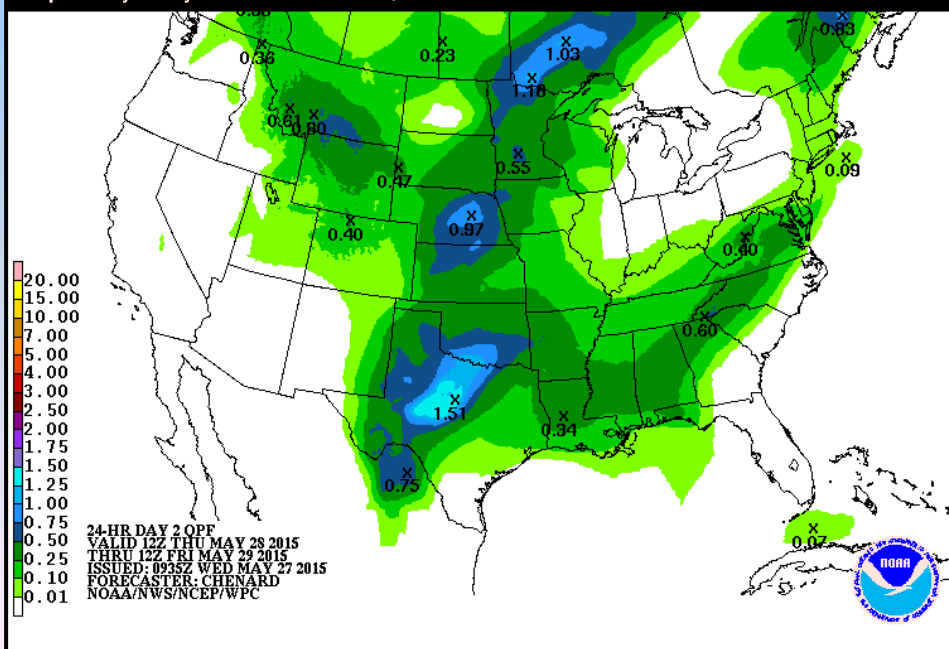
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Thu, May 28, 2015, issued 4:13 AM EDT Wed, May 27, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



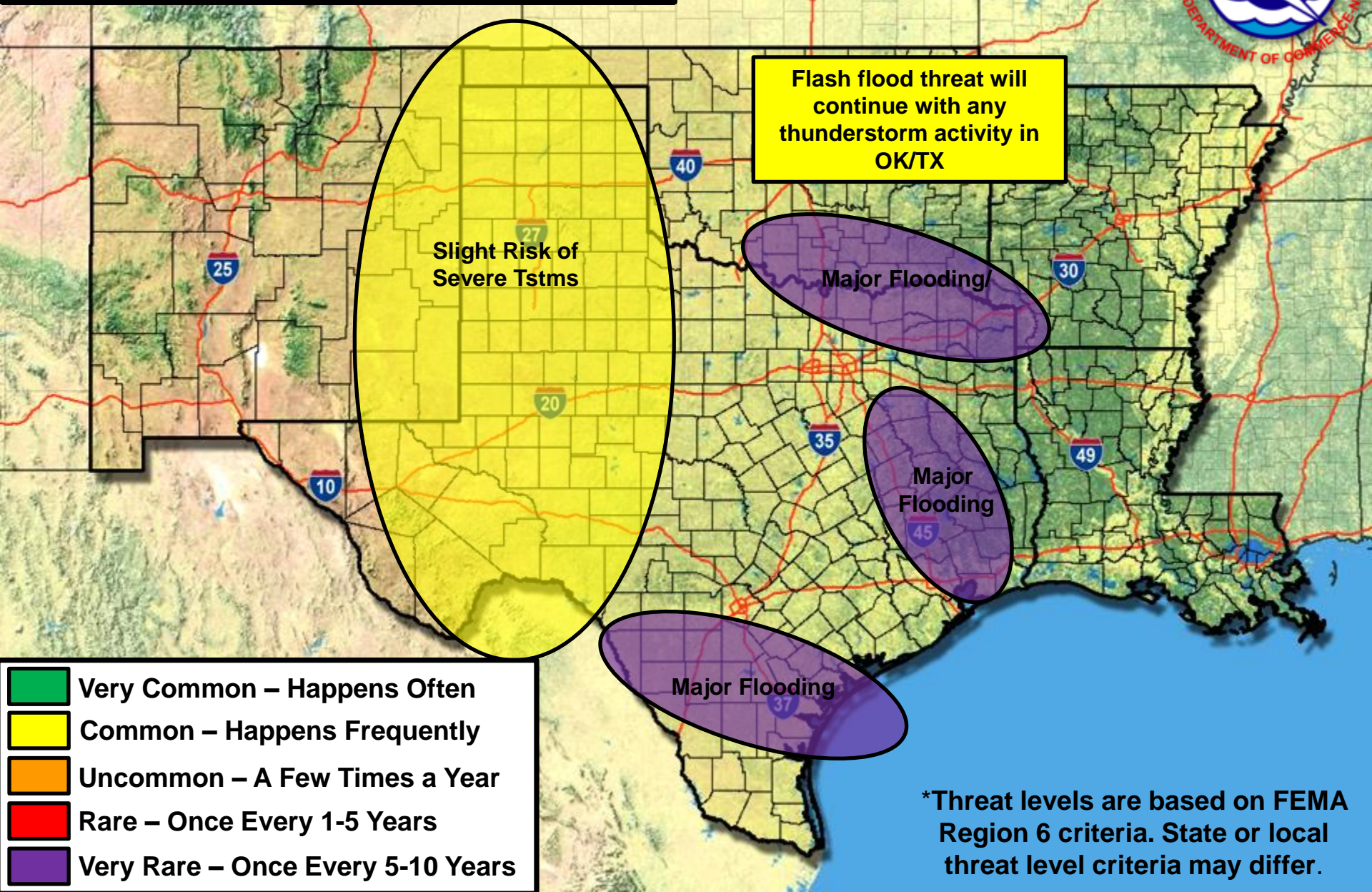
Weather Forecast for Fri, May 29, 2015, issued 4:18 AM EDT Wed, May 27, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts





# Day 2-3 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Flash flood threat will continue with any thunderstorm activity in OK/TX

Slight Risk of Severe Tstms

Major Flooding/

Major Flooding

Major Flooding

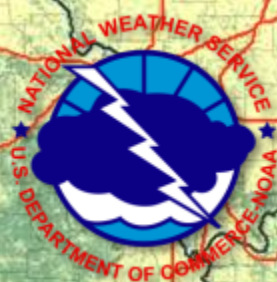
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# Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



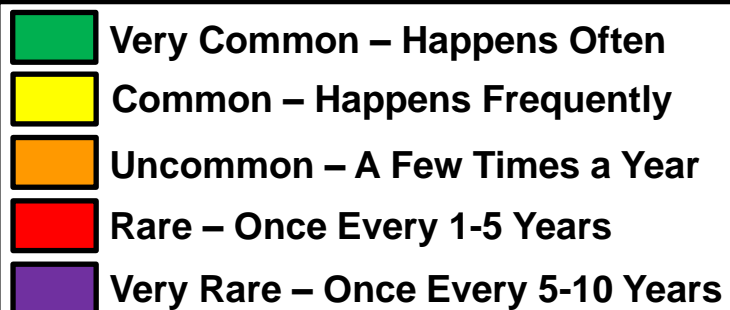
Flash flood threat will continue with any thunderstorm activity in OK/TX/AR

Flash Flooding  
Friday/Saturday

Major Flooding

Major Flooding

Major Flooding

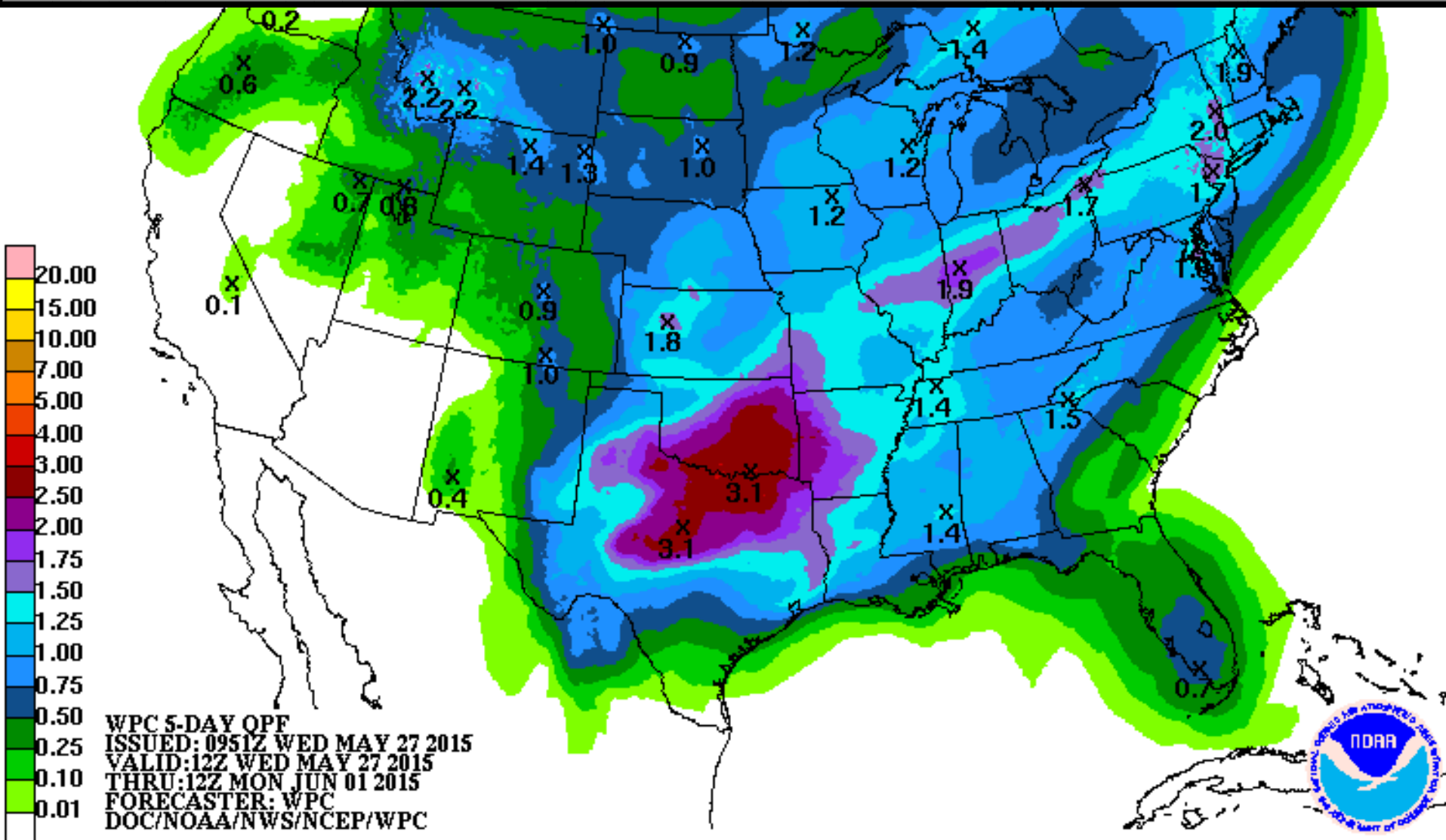


\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# 5-Day Precipitation

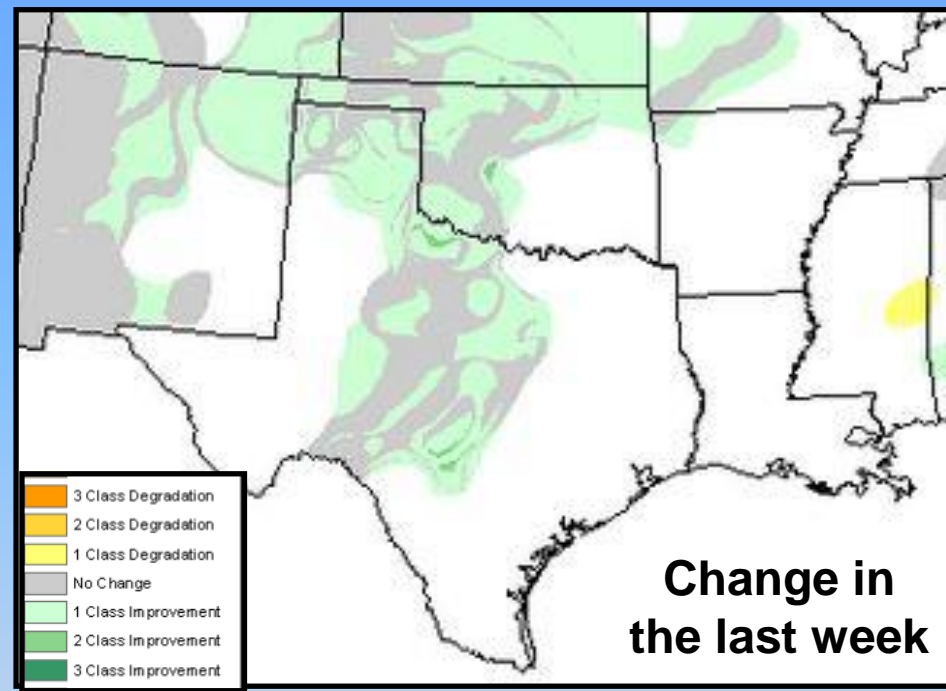
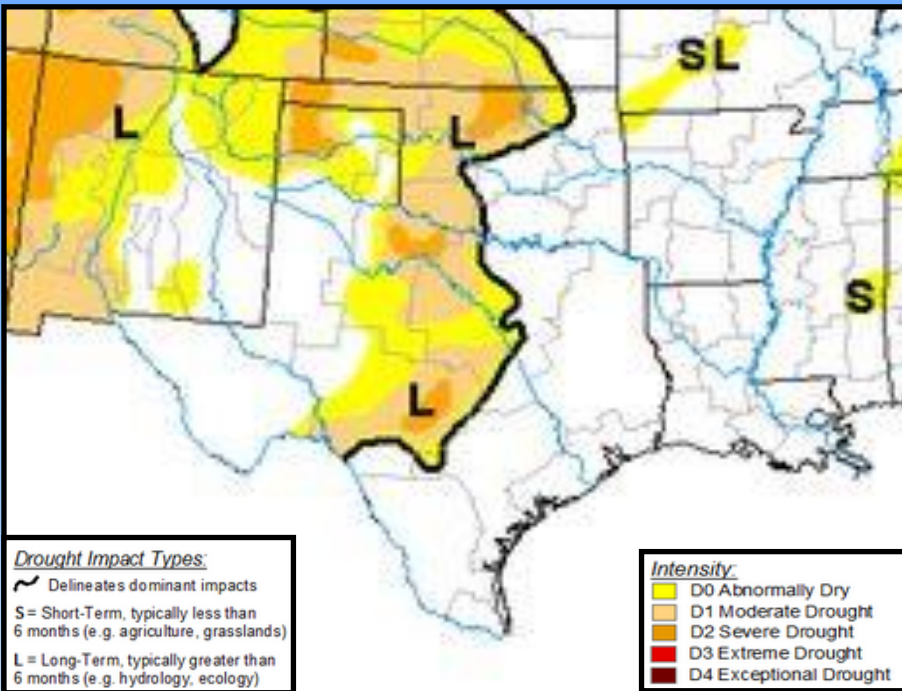
## Wed AM - Mon AM





# Drought Monitor Released May 21st, 2015

Data valid as of Tuesday, May 19th, 2015 at 7AM EST



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	3.72%	22.81%	61.24%
Texas	0.00%	1.93%	13.92%	40.35%
New Mexico	0.00%	0.00%	3.70%	37.23%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

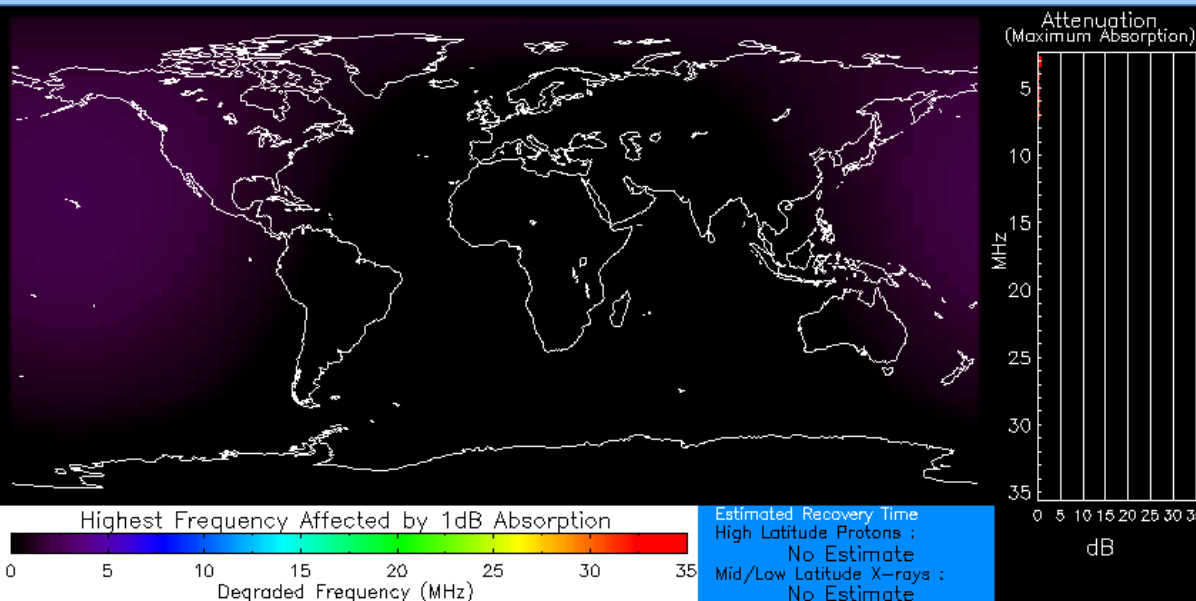
# Space Weather 3-Day Forecast



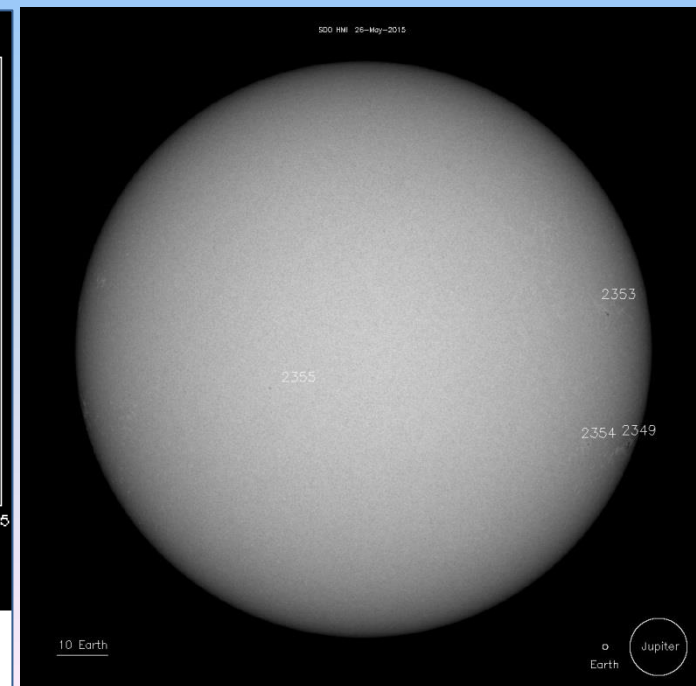
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Unsettled (Max Kp = 3)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background  
NOAA/SWPC Boulder, CO USA





Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

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